



41426-GC
SEQUENCE LISTING

<110> Heston, Warren D.W.

Ouerfelli, Ouathek

Pinto, John

<120> PROSTATE-SPECIFIC MEMBRANE ANTIGEN AND USES THEREOF

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<140> US 10/614,625

<141> 2003-07-02

<150> US 10/433,694

<151> 2003-05-21

<150> US 08/705,477

<151> 1996-08-29

<150> PCT/US96/02424

<151> 1996-02-23

<150> US 08/466,381

<151> 1995-06-06

<150> US 08/470,735

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<150> US 08/394,152

<151> 1995-02-24

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41426-GC

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41426-GC

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41426-GC

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Asp	Ser	Val	Glu	Leu	Ala	His	Tyr	Asp	Val	Leu	Leu	Ser	Tyr	Pro	Asn	50	55	60	
Lys	Thr	His	Pro	Asn	Tyr	Ile	Ser	Ile	Ile	Asn	Glu	Asp	Gly	Asn	Glu	65	70	75	80
Ile	Phe	Asn	Thr	Ser	Leu	Phe	Glu	Pro	Pro	Pro	Pro	Gly	Tyr	Glu	Asn	85	90	95	
Val	Ser	Asp	Ile	Val	Pro	Pro	Phe	Ser	Ala	Phe	Ser	Pro	Gln	Gly	Met	100	105	110	
Pro	Glu	Gly	Asp	Leu	Val	Tyr	Val	Asn	Tyr	Ala	Arg	Thr	Glu	Asp	Phe	115	120	125	
Phe	Lys	Leu	Glu	Arg	Asp	Met	Lys	Ile	Asn	Cys	Ser	Gly	Lys	Ile	Val	130	135	140	
Ile	Ala	Arg	Tyr	Gly	Lys	Val	Phe	Arg	Gly	Asn	Lys	Val	Lys	Asn	Ala	145	150	155	160
Gln	Leu	Ala	Gly	Ala	Lys	Ala	Val	Ile	Leu	Tyr	Ser	Asp	Pro	Ala	Asp	165	170	175	
Tyr	Phe	Ala	Pro	Gly	Val	Lys	Ser	Tyr	Pro	Asp	Gly	Trp	Asn	Leu	Pro	180	185	190	
Gly	Gly	Gly	Val	Gln	Arg	Gly	Asn	Ile	Leu	Asn	Leu	Asn	Gly	Ala	Gly	195	200	205	
Asp	Pro	Leu	Thr	Pro	Gly	Tyr	Pro	Ala	Asn	Glu	Tyr	Ala	Tyr	Arg	Arg	210	215	220	
Gly	Ile	Ala	Glu	Ala	Val	Gly	Leu	Pro	Ser	Ile	Pro	Val	His	Pro	Ile	225	230	235	240
Gly	Tyr	Tyr	Asp	Ala	Gln	Lys	Leu	Leu	Glu	Lys	Met	Gly	Gly	Ser	Ala	245	250	255	
Pro	Pro	Asp	Ser	Ser	Trp	Arg	Gly	Ser	Leu	Lys	Val	Pro	Tyr	Asn	Val	260	265	270	

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Gly Pro Gly Phe Thr Gly Asn Phe Ser Thr Gln Lys Val Lys Met His
 275 280 285
 Ile His Ser Thr Asn Glu Val Thr Arg Ile Tyr Asn Val Ile Gly Thr
 290 295 300
 Leu Arg Gly Ala Val Glu Pro Asp Arg Tyr Val Ile Leu Gly Gly His
 305 310 315 320
 Arg Asp Ser Trp Val Phe Gly Gly Ile Asp Pro Gln Ser Gly Ala Ala
 325 330 335
 Val Val His Glu Ile Val Arg Ser Phe Gly Thr Leu Lys Lys Glu Gly
 340 345 350
 Trp Arg Pro Arg Arg Thr Ile Leu Phe Ala Ser Trp Asp Ala Glu Glu
 355 360 365
 Phe Gly Leu Leu Gly Ser Thr Glu Trp Ala Glu Glu Asn Ser Arg Leu
 370 375 380
 Leu Gln Glu Arg Gly Val Ala Tyr Ile Asn Ala Asp Ser Ser Ile Glu
 385 390 395 400
 Gly Asn Tyr Thr Leu Arg Val Asp Cys Thr Pro Leu Met Tyr Ser Leu
 405 410 415
 Val His Asn Leu Thr Lys Glu Leu Lys Ser Pro Asp Glu Gly Phe Glu
 420 425 430
 Gly Lys Ser Leu Tyr Glu Ser Trp Thr Lys Lys Ser Pro Ser Pro Glu
 435 440 445
 Phe Ser Gly Met Pro Arg Ile Ser Lys Leu Gly Ser Gly Asn Asp Phe
 450 455 460
 Glu Val Phe Phe Gln Arg Leu Gly Ile Ala Ser Gly Arg Ala Arg Tyr
 465 470 475 480
 Thr Lys Asn Trp Glu Thr Asn Lys Phe Ser Gly Tyr Pro Leu Tyr His
 485 490 495
 Ser Val Tyr Glu Thr Tyr Glu Leu Val Glu Gly Phe Tyr Asp Pro Met
 500 505 510
 Phe Lys Tyr His Leu Thr Val Ala Gln Val Arg Gly Gly Met Val Phe
 515 520 525

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Glu Leu Ala Asn Ser Ile Val Leu Pro Phe Asp Cys Arg Asp Tyr Ala
530 535 540

Val Val Leu Arg Lys Tyr Ala Asp Lys Ile Tyr Ser Ile Ser Met Lys
545 550 555 560

His Pro Gln Glu Met Lys Thr Tyr Ser Val Ser Phe Asp Ser Leu Phe
565 570 575

Ser Ala Val Lys Asn Phe Thr Glu Ile Ala Ser Lys Phe Ser Glu Arg
580 585 590

Leu Gln Asp Phe Asp Lys Ser Asn Pro Ile Val Leu Arg Met Met Asn
595 600 605

Asp Gln Leu Met Phe Leu Glu Arg Ala Phe Ile Asp Pro Leu Gly Leu
610 615 620

Pro Asp Arg Pro Phe Tyr Arg His Val Ile Tyr Ala Pro Ser Ser His
625 630 635 640

Asn Lys Tyr Ala Gly Glu Ser Phe Pro Gly Ile Tyr Asp Ala Leu Phe
645 650 655

Asp Ile Glu Ser Lys Val Asp Pro Ser Lys Ala Trp Gly Glu Val Lys
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Arg Gln Ile Tyr Val Ala Ala Phe Thr Val Gln Ala Ala Ala Glu Thr
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Leu Ser Glu Val Ala
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Arg Pro Arg Trp Leu Cys Ala Gly Ala Leu Val Leu Ala Gly Gly Phe
20 25 30

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Phe Leu Leu Gly Phe Leu Phe Gly Trp Phe Ile Lys Ser Ser Asn Glu
 35 40 45

Ala Thr Asn Ile Thr Pro Lys His Asn Met Lys Ala Phe Leu Asp Glu
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Leu Lys Ala Glu Asn Ile Lys Lys Phe Leu Tyr Asn Phe Thr Gln Ile
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Pro Ile Leu Ala Gly Thr
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ctctgaaatt ctatacaatc tctacaatac tctactgaat aaaagcagag cagaaaaagc 180

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